Serial Number: 10/642,245

Reply to Office Action dated 28 November 2007

REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed in view of the Office

Action dated 28 November 2007 and supplemental to the Amendment filed 28

March 2008 with a Request and fee for a one-month Extension of Time having

been paid. After further consideration, Applicants have amended Claim 14 and

new Claims 36-46 have been added to further clarify the inventive concept in the

subject Patent Application.

While the limitation "processing means for detecting and providing an

alert" has been added in newly-amended independent claim 14, it is believed that

the claims presented still define over the prior art, as discussed in the Amendment

filed 28 March 2007. Specifically, the invention of the subject Patent Application

makes use of a system wherein the start time of the sub-segment is responsive to

the calculated R-R interval based upon a look-up table having predetermined start

times associated with specific corresponding R-R intervals.

It is respectfully submitted that the Stadler, et al. reference nowhere

provides for a system for the detection of cardiac events wherein the system

includes a "means for adjusting the start time of the sub-segment responsive to the

calculated R-R interval based upon a look-up table having predetermined start

times associated with specific R-R intervals ...", as is necessary to now amended

independent Claim 14.

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Accordingly, as the Stadler, et al. reference fails to disclose each and every element of the invention of the subject Patent Application, as now claimed, it cannot anticipate that invention. Further, as the reference fails to suggest the combination of elements now claimed, it cannot make obvious that claimed invention either.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

If there are any further charges associated with this filing, the Honorable Commissioner for Patents is hereby authorized to charge Deposit Account #18-2011 for such charges.

Respectfully submitted,

For: ROSENBERG, KLEIN & LEE

Morten F. Resules

Morton J. Rosenberg Registration #26,049

Dated: 11 april 1008

Suite 101 3458 Ellicott Center Drive Ellicott City, MD 21043 (410) 465-6678 Customer No. 04586